

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/GB 03/05345

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	T. AURA, P. NIKANDER, AND J. LEIWO, : "DOS-Resistant Authentication with Client Puzzles" PROC. SECURITY PROTOCOLS WORKSHOP 2000; SPRINGER-VERLAG, 'Online! 2000, pages 170-177, XP002275098 New York Retrieved from the Internet: <URL:http://citeseer.ist.psu.edu/aura00dos resistant.html> 'retrieved on 2004-03-25! paragraphs '0001!, '0003!, '0004! --- -/--	1-17
X	US 2002/073322 A1 (KIM JUNG-JOON ET AL) 13 June 2002 (2002-06-13) abstract paragraphs '0001!-'0018!, '0028!, '0029!, '0037!-'0041!, '0053!-'0055! --- -/--	1-17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

26 March 2004

Date of mailing of the international search report

08/04/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>STEVENS; W R : "TCP/IP ILLUSTRATED, Vol. 1. THE PROTOCOLS "</p> <p>1994 , TCP/IP ILLUSTRATED. VOL. 1 : THE PROTOCOLS, PROFESSIONAL COMPUTING SERIES, READING, MA : ADDISON WESLEY, US, VOL. 1, PAGE(S) 229-233, 240-243 XP002275099</p> <p>ISBN: 0-201-63346-9</p> <p>page 229</p> <p>page 231 -page 232</p> <p>page 240 -page 242</p> <p>----</p>	14, 15
X	<p>SCHUBA C L ET AL: "Analysis of a denial of service attack on TCP"</p> <p>SECURITY AND PRIVACY, 1997. PROCEEDINGS., 1997 IEEE SYMPOSIUM ON OAKLAND, CA, USA 4-7 MAY 1997, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US,</p> <p>4 May 1997 (1997-05-04), pages 208-223, XP010230160</p> <p>ISBN: 0-8186-7828-3</p> <p>page 208-214</p> <p>----</p>	1-17
X	<p>US 2001/042200 A1 (LAMBERTON MARC ET AL)</p> <p>15 November 2001 (2001-11-15)</p> <p>abstract; figures 1,7</p> <p>paragraphs '0001!, '0004!-'0009!</p> <p>-----</p>	1-17

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

Int. Patent Application No  
**PCT/GB 03/05345**

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002073322 A1	13-06-2002	KR 2002045003 A	19-06-2002
US 2001042200 A1	15-11-2001	EP 1154610 A2	14-11-2001
		TW 518864 B	21-01-2003